

Black arrows show the direction of storm water drainage. Swine production barns are labeled as shown using yellow identifiers. All production barns have under floor deep pits ranging from 4 to 10 feet deep. The White, Brown, House, and Cable Bay production barns are pumped to stage 1 of the 3 stage lagoon system that gravity overflows from stage 1 to stage 2 then to stage 3 where a discharge pipe is located in the west berm of stage 3 that gravity flows to the Drain Ditch. Red lines indicate livestock waste runoff direction of travel. Livestock runoff is noted from the composting operation (top left), line leak from the land application pipe (top right), and discharge pipe from stage 3 of the lagoon system as seen in the lower left area of the site plan. The "drainage ditch" as identified by the facility is shown in blue and runs between the office, house barn, and the rest of the facility. Orange descriptors indicate sampling locations at the farm site including the discharge pipe from stage 3 of the lagoon system, the east side of Range Lane, and at the pooled leachate on the east side of the compost operation.